

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	379115	(polymer or copolymer or resin).clm.	US-PGPUB; USPAT	OR	ON	2006/03/20 11:01
L2	1712	(silane adj compound).clm.	US-PGPUB; USPAT	OR	ON	2006/03/20 11:20
L3	21	(silane adj agent).clm.	US-PGPUB; USPAT	OR	ON	2006/03/20 11:20
L4	34	(silane adj reagent).clm.	US-PGPUB; USPAT	OR	ON	2006/03/20 11:20
L5	963	1 and (2 or 3 or 4)	US-PGPUB; USPAT	OR	ON	2006/03/20 11:02
L6	1566	(polymeric adj compound).clm.	US-PGPUB; USPAT	OR	ON	2006/03/20 11:03
L7	79	(polymeric adj agent).clm.	US-PGPUB; USPAT	OR	ON	2006/03/20 11:03
L8	27	(polymeric adj reagent).clm.	US-PGPUB; USPAT	OR	ON	2006/03/20 11:03
L9	2	5 and (6 or 7 or 8)	US-PGPUB; USPAT	OR	ON	2006/03/20 11:03
L10	2410	(silane adj coupling adj agent).clm.	US-PGPUB; USPAT	OR	ON	2006/03/20 11:25
L11	16	(silane adj coupling adj reagent).clm.	US-PGPUB; USPAT	OR	ON	2006/03/20 11:06
L12	8	(silane adj coupling adj compound). clm.	US-PGPUB; USPAT	OR	ON	2006/03/20 11:08
L13	16	11 not 12	US-PGPUB; USPAT	OR	ON	2006/03/20 11:10
L14	3460	(hydrophilic adj polymer).clm.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/20 11:23
L15	109	(hydrophilic adj copolymer).clm.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/20 11:11
L16	252	(hydrophilic adj resin).clm.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/20 11:12

## EAST Search History

L17	11	(2 or 3 or 4) and (14 or 15 or 16)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/20 11:12
L18	86	(silyl adj compound).clm.	US-PGPUB; USPAT	OR	ON	2006/03/20 11:21
L19	2	(silyl adj agent).clm.	US-PGPUB; USPAT	OR	ON	2006/03/20 11:20
L20	5	(silyl adj reagent).clm.	US-PGPUB; USPAT	OR	ON	2006/03/20 11:20
L21	0	1 and (18 or 19 or 20) and (14 or 15 or 16)	US-PGPUB; USPAT	OR	ON	2006/03/20 11:24
L22	3460	(hydrophilic adj polymer).clm.	US-PGPUB; USPAT; USOCR	OR	ON	2006/03/20 11:23
L23	109	(hydrophilic adj copolymer).clm.	US-PGPUB; USPAT; USOCR	OR	ON	2006/03/20 11:23
L24	252	(hydrophilic adj resin).clm.	US-PGPUB; USPAT; USOCR	OR	ON	2006/03/20 11:23
L25	0	1 and (18 or 19 or 20) and (22 or 23 or 24)	US-PGPUB; USPAT	OR	ON	2006/03/20 11:24
L26	325656	phenolic near3 polymer or copolymer or "resin.clm"	US-PGPUB; USPAT	OR	ON	2006/03/20 11:26
L27	102284	phenolic.clm. near3 polymer.clm. or copolymer.clm. or "resin.clm"	US-PGPUB; USPAT	OR	ON	2006/03/20 11:31
L28	509	(11 or 12 or 10) and 27	US-PGPUB; USPAT	OR	ON	2006/03/20 11:32
L29	120121	image.clm. near3 forming.clm. or photoresist.clm. or pattern.clm. near3 forming.clm. or image.clm. near3 form.clm. or pattern.clm. near3 form.clm.	US-PGPUB; USPAT	OR	ON	2006/03/20 11:29
L30	60782	image.clm. near3 generating.clm. or photoresist.clm. or pattern.clm. near3 generating.clm. or image.clm. near3 generate.clm. or pattern.clm. near3 generate.clm.	US-PGPUB; USPAT	OR	ON	2006/03/20 11:30
L31	32	28 and (29 or 30)	US-PGPUB; USPAT	OR	ON	2006/03/20 11:30
L32	962	phenolic.clm. near3 polymer.clm. or phenolic.clm. near3 copolymer.clm. or phenolic.clm. near3 "resin.clm"	US-PGPUB; USPAT	OR	ON	2006/03/20 11:32

## EAST Search History

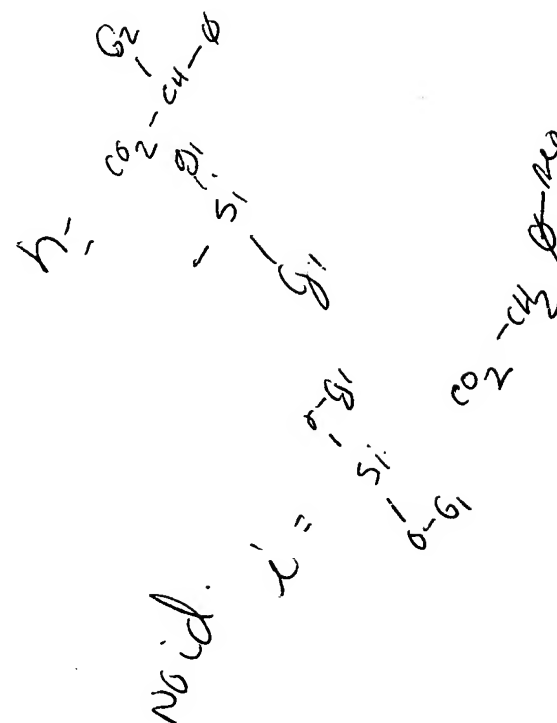
L33	12	(11 or 12 or 10) and 32	US-PGPUB; USPAT	OR	ON	2006/03/20 11:32
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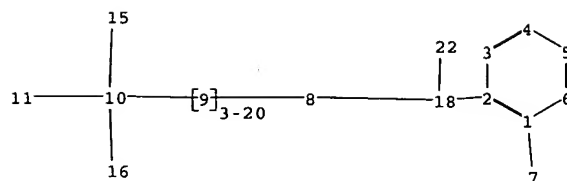
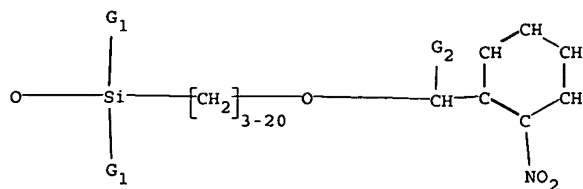
10/734, HA, CA Reg. File, 3/19 3/20/06  
10/734, 101a STUC. Search  
Formula, claim 10 RFA

(FILE 'HOME' ENTERED AT 10:52:28 ON 20 MAR 2006)

FILE 'REGISTRY' ENTERED AT 10:53:31 ON 20 MAR 2006

L1 SCREEN 2067 AND 2068  
L2 STRUCTURE UPLOADED  
L3 QUE L2 AND L1  
L4 0 S L3 FULL  
L5 SCREEN 2067 AND 2068  
L6 STRUCTURE UPLOADED  
L7 QUE L6 AND L5  
L8 0 S L7 FULL

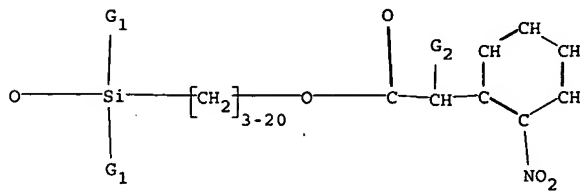




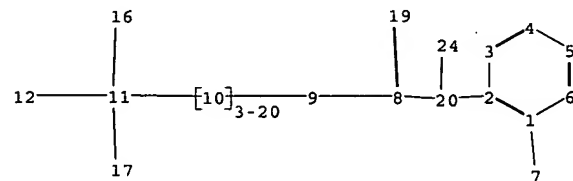
734,119f, G1=CO<sub>2</sub>, Filters: screen 2067,2068, For (P)

Chemical structure diagram showing a polymer chain with various functional groups and a repeating unit.

Al<sup>1</sup>



2F<sup>1</sup>

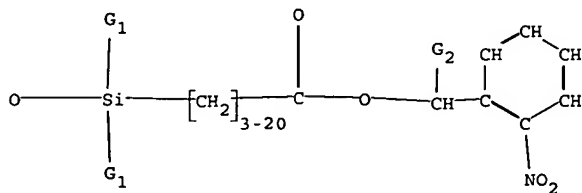
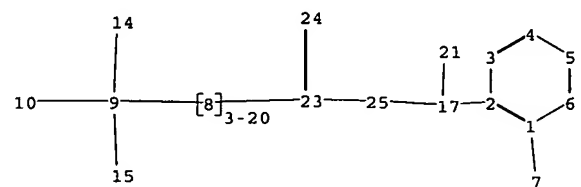

















Chemical structure diagram showing a polymer chain with various functional groups and a repeating unit.

Chemical structure diagram showing a polymer chain with various functional groups and a repeating unit.

Chemical structure diagram showing a polymer chain with various functional groups and a repeating unit.

Chemical structure diagram showing a polymer chain with various functional groups and a repeating unit.

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CA Registry File

STRUC. search / Form. cl. 9, 3/20/06, RPA.

10/134,019

10/134,019

(FILE 'HOME' ENTERED AT 10:19:20 ON 20 MAR 2006)

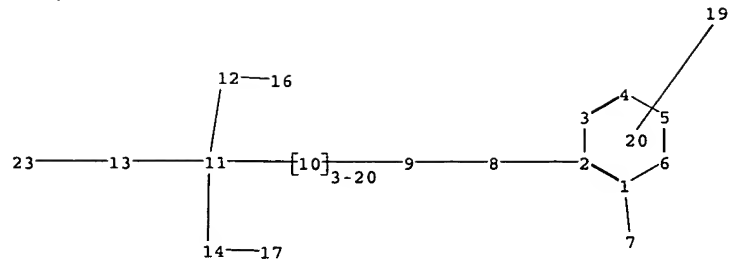
FILE 'REGISTRY' ENTERED AT 10:19:25 ON 20 MAR 2006

L1	SCREEN 2068
L2	STRUCTURE UPLOADED
L3	QUE L2 AND L1
L4	0 S L3 FULL
L5	SCREEN 1006 AND 2068
L6	STRUCTURE UPLOADED
L7	QUE L6 AND L5
L8	0 S L7 FULL
L9	SCREEN 2067
L10	STRUCTURE UPLOADED
L11	QUE L10 AND L9
L12	0 S L11 FULL
L13	SCREEN 1006 AND 2067 AND 2068
L14	STRUCTURE UPLOADED
L15	QUE L14 AND L13
L16	0 S L15 FULL

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AM



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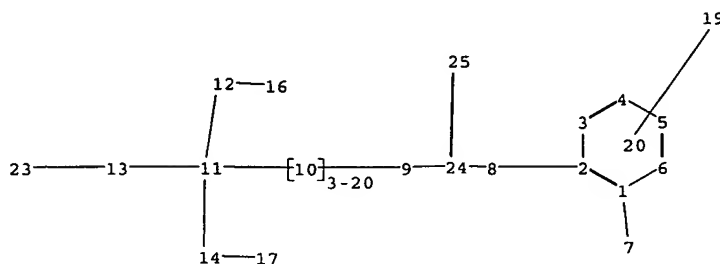
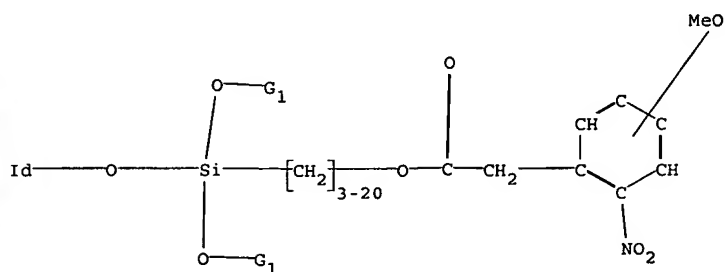




















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[illegible]























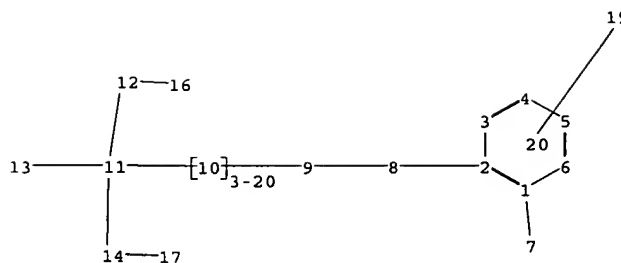










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